## Steps to manually configure eduroam SSID on Windows 7 computer to use SUNet ID credentials

## Wireless network configuration

Open the Windows Control Panel and navigate to "Manage Wireless Networks":

Open Control Panel -> Network and Internet -> Manage Wireless Networks

Or

Right-Click on the network status icon and click "Manage Wireless Networks" from the Network and Sharing Center

♥ 📲 + Control Panel → Networ	rk and Internet 🔸 Manage Wireless Networks		✓ ✓y Search Manage Wireless Networks
Manage wireless networks that Windows tries to connect to these netwo	t use (Wireless Network Connection) orks in the order listed below.		
dd Adapter properties Profile types	Network and Sharing Center		(
Networks you can view (2)			
SLAC	Security: WPA2-Enterprise	Type: Any supported	Automatically connect
visitor	Security: Unsecured	Type: Any supported	Automatically connect
2 items			

Click "Add" to start the setup wizard



Select to manually create a network profile

G 🔐 Manually connect to a v	vireless network		
Enter information for			
N <u>e</u> twork name:	eduroam		
<u>S</u> ecurity type:	WPA2-Enterprise		
Enc <u>r</u> yption type:	AES		
Se <u>c</u> urity Key:	<u>H</u> ide characters		
Start this connection automatically			
Connect even if the network is not broadcasting			
Warning: If you select this option, your computer's privacy might be at risk.			
	<u>N</u> e	t Cancel	

Fill in

- Network name: eduroam
- Security type: WPA2-Enterprise
- Encryption type: AES



Click "Change connection settings"

e	eduroam Wireless Network Properties					
	Connection Security					
	Name:	eduroam				
1	SSID:	eduroam				
	Network type:	Access point				
	Network availability	: All users				
	Connect automatically when this network is in range					
	Connect to a more preferred network if available					
	Connect even if the network is not broadcasting its name (SSID)					
	Enable Intel connection settings					
	Configure					
l						
		OK	cel			

Place a check mark next to "Connect to a more preferred network if available"

Click on the "Security" tab to switch to the security settings

e	duroam Wireless Netwo	rk Properties		×
	Connection Security			
	Security type:	WPA2-Enterprise	•	
	Encryption type:	AES	•	
	Choose a network authentication method:			
	Microsoft: Protected EAP (PEAP)			
8	<u> R</u> emember my credentials for this connection each time I'm logged on			
	Advanced settings			
		_		
			ОКСС	ancel

No changes on this tab.

Click on "Settings" to configure settings for Microsoft: Protected EAP (PEAP)

Protected EAP Properties				
When connecting:				
Validate server certificate				
Connect to these servers:				
shobijin.*\.stanford\.edu				
Trusted Root Certification Authorities:				
Actalis Authentication CA G1				
Actalis Authentication Root CA				
AddTrust External CA Root				
AdminCA-CD-T01				
Admin-Root-CA				
ADOCA02				
AffirmTrust Commercial				
✓ ►				
Do not prompt user to authorize new servers or trusted certification authorities.				
Select Authentication Method:				
Enable Fast Reconnect				
Enforce Network Access Protection				
Disconnect if server does not present cryptobinding TLV				
Enable Identity Privacy				
OK Cancel				

Fill in the RADIUS server names in "Connect to these servers:" (Wildcard match)

shobijin.\*\.stanford\.edu

Place a check to trust the root certificate for Stanford RADIUS in "Trusted Root Certification Authorities:" (You will need to scroll down one page)

AddTrust External CA Root

Click on the "Configure..." button next to "Secured password (EAP-MSCHAP v2)"

EAP MSCHAPv2 Properties	×
When connecting:	
Automatically use my Windows logon na password (and domain if any).	me and
OK Cancel	

Clear the checkmark.

Select OK in all windows to save changes.

## Connecting

Windows Security		×	
Network Au Please enter use	thentication r credentials		
	rwilper@win.stanford.edu		
		OK Cancel	

Enter your username as "<SUNet ID>@win.stanford.edu" and your SUNet ID password